

Eastern Arizona Amateur Radio Society

EST. 1974

INC.

www.eaars.com

facebook.com/groups/eaars

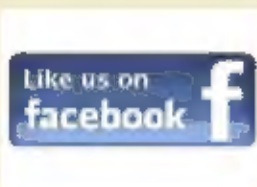
Club Address: EAARS, PO Box 398, Solomon, AZ 85551



July, 2017

JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN. To reach the page, please visit facebook.com/groups/eaars and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



Welcome New EAARS Members!

Lee	KI7MIZ
Juan	KG5HLP
Mike	KI6BUT
Glenn	W5GJP

AWESOME

EAARS Open Repeaters

PL 141.3 unless noted otherwise

Echolink: 614350 **IRLP:** 7787

Heliograph Peak at Safford, AZ:

146.860, 440.700 Linked
146.900

Jacks Peak at Silver City, NM:

145.210 Linked

West Peak at Ft Thomas, AZ:

145.350 Access to link to network

Pinal Peak at Globe, AZ:

145.410 Linked

South Mt at Alpine, AZ:

145.270 Linked

Caballo Mt at TorC, NM:

145.470 Linked

Greens Peak at Show Low, AZ

146.700 Linked

Little Florida at Deming, NM:

147.060 Linked

Mule Mt at Bisbee, AZ:

147.080 Linked

Mt Lemmon at Tucson, AZ

147.160 Linked

Guthrie Peak at Clifton, AZ:

147.280 Linked

AZ Heliograph Peak:

447.8250 Not Linked

Gals on the Air!

Calling all Gals of any class ... Join us every Monday night for the
Gals Night Net @ 7:30 pm (AZ) on the EAARS system!

Upcoming Events

*Would You like to see your event posted for the membership to see?
Email your information to emberfire@cox.net.*

July 22, 2017 White Mountain Hamfest

Sept 16, 2017 EAARS Picnic - Safford, AZ

Did you know that you can see the Public Service Opportunities
on soazhamservice.net? The events are posted by dates and
who leads them. If you are interested in participating or have
any questions, please feel free to contact them.

WEEKLY EAARS' NETS

Every day:

Down Under Net - 4:15 am

Weather Net - 5:30 am

NTS Traffic Net - 6:30 pm

Sunday:

EAARS Net - 7:00 pm

Monday:

Gals Night Net - 7:30 pm

Wednesday:

Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,
Off Season, every second Wednesday of month at 7:30 pm

Saturday:

ERC (Emergency Response Communications) Net - 8:45 am ,
2nd Saturday of the month (20-25 min duration)

2016 Officers and Staff

Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

Net Control Operators

Rick	KE7EDP	1st Sunday
Angie	N7EMB	2nd Sunday
Mike	W7IJ	3rd Sunday
Chris	N7JND	4th Sunday
Karl	N7DMA	5th Sunday

The **EAARS** annual picnic is scheduled to be held on **Saturday, September 16, 2017** at Discovery Park in the Safford area. So mark your calendar to attend. The picnic is **EAARS** way of saying **THANK YOU EAARS MEMBERS** for your continued support. It's also a great time to meet hams, face to face!



Independence



WHITE MOUNTAIN
KACHINA Amateur Radio Club
PRESENTS:

HAMFEST

PINETOP LAKESIDE, ARIZONA
MOUNTAIN MEADOW PARK | 1101 N. WOODLAND RD.
JULY 22, 2017

VE Testing @ 9am
Talk-In Frequency 146.760 - pl 162.2
Refreshments Available

Parking \$5/space | Vendors \$5/space

PRIZE DRAWINGS
HOURLY & GRAND

Contact: Vince | to7jak@cox.net or Chad | chad@kevindickling.com



Hosted by the Kachina Amateur Radio Club

Mountain Meadow Park - 1101 N. Woodland Road, Pinetop, AZ

VE Session will be at 9am – Walk-Ins Allowed and Encouraged
Hours 6am – Early Afternoon → Hourly Prizes → Grand Prize at Noon

Talk-In frequency → 146.76 PL 162.2 ←

A Hamfest is an event organized by local amateur radio operators for the promotion of the amateur radio hobby. The hamfest includes a swap meet for radio gear, as well as license testing. Vendor booths are set up so you can buy, sell and trade radio equipment, parts, and all sorts of gear for a well-appointed ham station. It's a great opportunity for new "HAMS" to find good used equipment at used equipment prices.

It is not uncommon for shoppers to find just what they have been looking for a fraction of the original cost.

The **Kachina Amateur Radio Club** offers license testing for new hams as well as those looking to upgrade their existing license. While the **Kachina Amateur Radio Club** does not charge for administering the testing, the ARRL charges a modest fee of \$15.00 for handling the applications and coordinating with the FCC and issuing the new license through the FCC. Amateur radio is an activity that everybody can enjoy so come to the Hamfest on July 22, 2017 at Mountain Meadow Park and see what the excitement is all about!

MUSINGS OF AN OLD POLISH GUY

I think most have probably thought about the question; "Is there a Creator?"

Our family has spent a lot of time in the "outdoors". Our children and grandchildren have carried on the enjoyment we experienced when they were still with us. Nights were fun around the campfire. One of the first things we'd do is to find the "Big Dipper". Before each of our three sons went on their mission, I took them out and we looked at the "Big Dipper". I told them that where ever they went, if they ever got home sick to look for the "Big Dipper" and remember that I was also looking at it.

The big dipper is in the Ursus Major (big bear) constellation. The little dipper is in the Ursus Minor (little bear) constellation. The following diagram shows the relationship of the dippers to each other.

The stars forming the big dipper are all bright enough to easily recognize it. However only Polaris (The north star or pole star.) and the two stars forming the outer edge of the pan (Pherkad & Kochab) are bright enough to be seen easily. The other stars faded a few years ago. They can be seen with optics a lot better than with the naked eye.

When you look at the actual big dipper there aren't any straight lines and you can visualize a curved handle. The second star from the end of the handle is actually two stars. The picture shows Mizar and if you use an optic you can see the second star Alcor.

It just "happens" that the handle of the little dipper is curved opposite the handle of the big dipper in relation to the pans! It also just "happens" that the big dipper's base is narrower than the open part of the pan. And that the little dipper's base is wider than the open part of the pan! Of course this all is just an accident of nature or happenstance!

And then of course there is the fact that the little dipper just "happens" to pour into the big dipper!

And of course we have to remember that the two stars that form the outer edge of the big dipper pan just "happen" to point to Polaris.

I never tire of His artwork in the night sky.

Try to convince me that there is not a Creator when the evidence is right above me that there is a Creator.

STP
Stan KF7OLP



More musings of an old Polish guy.

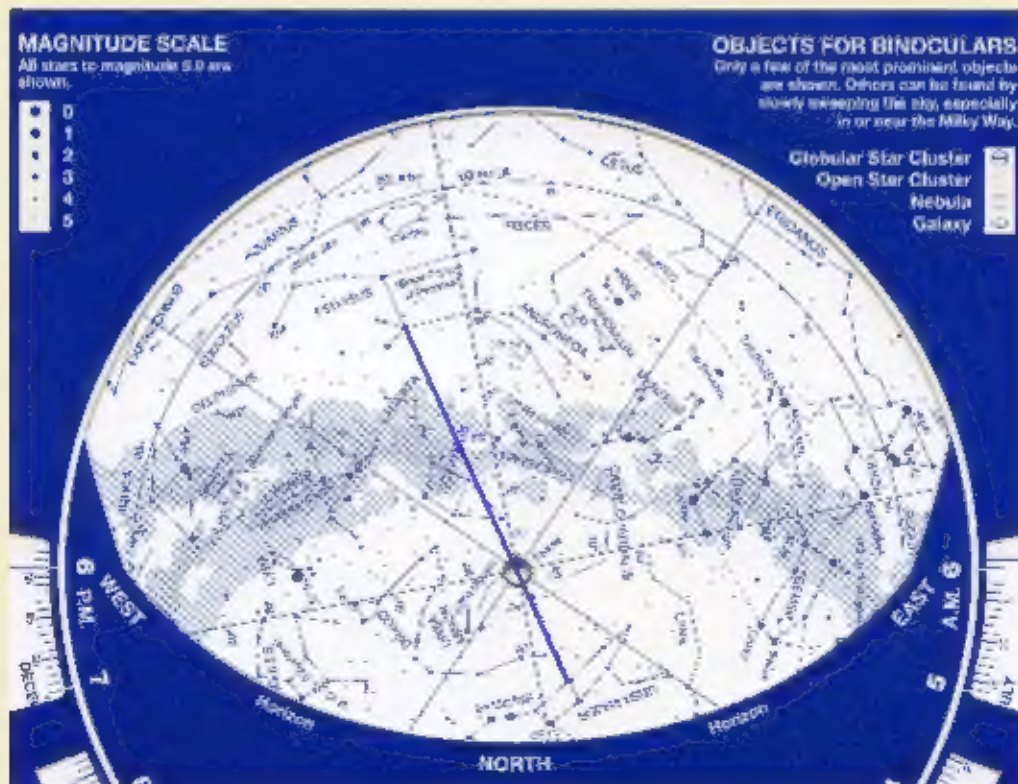
Did you know that there is another dipper? This one is in the Pegasus constellation. It is called the "Great Square of Pegasus". However it is not square.

To find it look at the Big Dipper. Remember the two stars that form the outer edge of the Big Dipper point to Polaris. In the attached picture, I drew a heavy line that goes to Polaris and extended it to Pegasus. It JUST HAPPENS to point to the bottom star of the edge to which the handle of the "Giant Dipper" is attached. "Giant Dipper" is my name for it. The picture shows that the Giant Dipper closely resembles the Big Dipper. And that it is basically positioned the same way. Both dippers have eight stars, four in the handle and four in the pan. The Giant Dipper is best seen on a moonless night. It is just past the Milky Way from Polaris. Follow the line.

Another of my musings is that the ancients had to have a lot of imagination to see the figures that they named the constellations. However, the three dippers are just plain to see. Now are you starting to maybe believe He is the Creator or maybe it just adds to your testimony? And He gives us reason to ponder.

STP

Stan KF7OLP



Field Day in Arizona

Field Day in Arizona is always awesome. Most if not, all Arizona Ham Radio clubs participated in Field Day activities. Some go to their club grounds, while others operate in air conditioned buildings. Some go to the mountains or open areas while others, like my wife and I go to the White Mountains near Concho Arizona. While the main objective is to be on the air for 24 hours, it's always interesting what's done at the sites before and after Field Day. My wife and I participated with the Arizona Sun Bums in Concho Arizona. We spent a whole week from Wednesday to Wednesday at the property of Mike and Mary Boger - W7IJ. We ate well every single day. Most of our large group meals were at dinner time. Everything from brisket, ham, chili, beans, potato and pasta salad, hot dogs, Kielbasa and even homemade ice cream were just some of the menu items. But there's plenty to do than just operate radio. Every night we spent just relaxing and having a social hour every night. The weather was hot and windy during the day, but the people and night temps made up for it. I can only assume that the other Field Day teams around Arizona did the same thing.

The actual operating during Field Day was awesome. Everyone who wanted to operate, DID. The antenna farm for our 4A setup came together nicely on the Friday before. 10 acres is a lot of room to place antennas. What makes Field Day great, is the people you get to hang out with during your stay. No Field Day politics. Just 9 people getting together to have lots of fun.

We look forward to next year already. Thanks to all clubs, groups and even the lone operator operating from home. This is what makes Field Day so fun.... Making Those Contacts.

Hear ya next year.

73... Chris - N7JND



2017 Field Day Experience

by Dave KG7QWQ

A few days ago, we (**Dave - KG7QWQ and Rosie - KG7QWR**) experienced our first ARRL Field Day. We both became Hams in 2015 and are now starting to get more involved with activities through the Radio Society of Tucson.

The 2017 Field Day was quite the experience. Special thanks to Mike (W7IJ) for hosting the Arizona Sun Burns (K1BUM). For us it was a time to be with friends and to learn more radio stuff. Both of us are intimidated at times because there is a lot to learn. Field Day offered an opportunity for us to be mentored by seasoned Hams with years of experience. Rosie worked on 20, 40 and 80 meters. Dave worked 40 and 80 meters. It is funny that Rosemary likes to run the frequency while Dave likes to hunt and pounce. I guess opposites attract.

The best part of Field Day is that everyone tried to keep it fun. The mentors were very patient with us. They allowed us to work their radios while offering helpful hints at times. Sure there was an atmosphere of being in a contest and the drive to win, but this did not stop our mentors to help us become better radio operators.

The Field Day event was well organized. We had an camping event organizer, safety officer, web site and event coordinator. Everything from camp setup, antenna positions, station location and meals was well organized. Did we mention that fun was on the agenda?

For the novice, it was somewhat intimidating. We compare our experience with making contacts like a round of golf. You may have several misses, but if you stick to it you will eventually get that one hit that keeps you coming back for more.

We spent three days talking about antennas, radios, and Analog vs. D-STAR. We learned quite a bit and did so amongst friends. We ate pretty well, too. If you never had a chance to gain the Field Day experience, you may be missing out. It is a great opportunity for individuals with a couple of years of radio experience to learn more about the hobby. It is also a chance to see how well you would perform if an emergency was to occur. Let us not lose sight that the purpose of Field Day is to practice setting up your radio and antenna to make contact with other stations if you had to leave your home in a major emergency.

We appreciate the opportunity to gain added radio knowledge and to become a little more proficient in the hobby. Both of us look forward to Field Day in 2018.

Cooking up Some Magic



Mango, Peach and Pineapple Salsa



"This fruity and spicy salsa is yummy on just about everything from chips to barbequed chicken, tacos, and even tofu! By the way, pineapple mojitos are a great accompaniment!"

2 mangos, peeled, seeded and chopped
2 small peaches, halved, pitted, and cut into 1/2-inch dice
1 cup diced fresh pineapple
4 tomatoes, chopped
1 white onion, diced
1 red bell pepper, diced
1 yellow bell pepper, diced
1 cup chopped fresh cilantro, or to taste
1 clove garlic, minced
1 small jalapeno pepper, minced
2 tablespoons lime juice
1 teaspoon salt

2 tablespoons white sugar, or to taste
3/4 cup water

Place the mango, peach, pineapple, tomato, onion, red pepper, yellow pepper, and cilantro in a mixing bowl. Stir in the garlic, jalapeno, lime juice, salt, sugar, and water. Cover and refrigerate at least 1 hour before serving.

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